IS IT **LEMS** OR **MG**?

Test your knowledge of the symptoms of Lambert-Eaton myasthenic syndrome (LEMS)

Indicate with a check mark whether the symptoms below are a sign of LEMS or myasthenia gravis (MG).

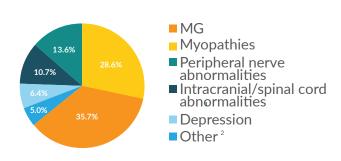
SYMPTOMS ¹		LEMS	MG
1	Symmetrical muscle weakness		
	Asymmetrical muscle weakness		
1	Caudal-to-cranial pattern of spread		
₹	Early and prominent oculobulbar involvement		
O	Later and mild oculobulbar involvement		
/	Diminished or absent tendon reflexes		
	Autonomic dysfunction		
<u>(I—I)</u>	Symptoms worsen with exercise		

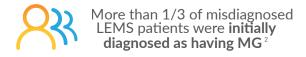


MISDIAGNOSIS IS COMMON

Myasthenia gravis (MG) is the most common misdiagnosis of LEMS²

Common LEMS Misdiagnoses







58% of patients were misdiagnosed at least once in a 2011 cohort of adult patients with LEMS²

FIRDAPSE is a potassium channel blocker indicated for the treatment of Lambert-Eaton myasthenic syndrome (LEMS) in adults.

CONTRAINDICATIONS

FIRDAPSE is contraindicated in patients with:

- · A history of seizures
- · Hypersensitivity to amifampridine phosphate or another aminopyridine

WARNINGS AND PRECAUTIONS

Seizures: FIRDAPSE can cause seizures. Consider discontinuation or dose-reduction of FIRDAPSE in patients who have a seizure while on treatment. FIRDAPSE is contraindicated in patients with a history of seizures.

Hypersensitivity: If a hypersensitivity reaction such as anaphylaxis occurs, FIRDAPSE should be discontinued and appropriate therapy initiated.

ADVERSE REACTIONS

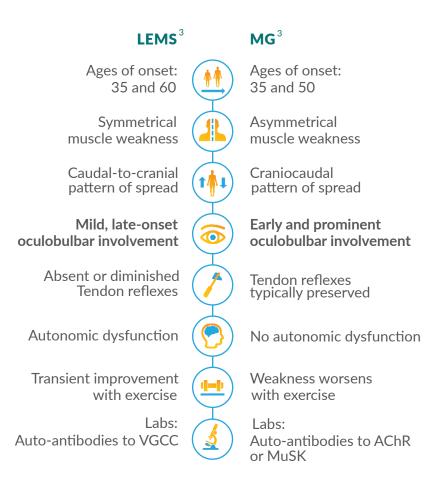
The most common (> 10%) adverse reactions are: paresthesia, upper respiratory tract infection, abdominal pain, nausea, diarrhea, headache, elevated liver enzymes, back pain, hypertension, and muscle spasms.

To report SUSPECTED ADVERSE REACTIONS, contact Catalyst Pharmaceuticals at 1-844-347-3277 (1 844-FIRDAPSE) or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

Please see enclosed full Prescribing Information in pocket.

DIFFERENTIATING LEMS FROM MG

Keys to a differential diagnosis of LEMS vs myasthenia gravis



of MG cases include early oculobulbar involvement (vs 5% in LEMS)

CATALYST NO-COST ANTIBODY DIAGNOSTIC TESTING

A free program to help your patients find answers

Catalyst Pharmaceuticals, in collaboration with a national diagnostic lab provider, offers free anti-VGCC antibody testing for adult patients with symptoms suggestive of LEMS. The test is available to adult patients who already have a negative AChR antibody test or an equivocal EMG test for LEMS.



Testing for the presence of anti-VGCC antibodies can confirm a diagnosis of LEMS^{4,5,6}



The presence of anti-VGCC antibodies can be detected in up to 90% of patients with LEMS^{4,5,6}



To request a free test, contact your Catalyst representative or visit FreeLEMStest.com

REFERENCES

- Merino-Ramírez MÁ, Bolton CF. Review of the diagnostic challenges of Lambert-Eaton syndrome revealed through three case reports. Can J Neurol Sci. 2016;43(5):635-647.
- Titulaer MJ, Lang B, Verschuuren JJ. Lambert-Eaton myasthenic syndrome: from clinical characteristics to therapeutic strategies. Lancet Neurol. 2011;10(12):1098-1107.
- Merino-Ramírez MÁ, Bolton CF. Review of the diagnostic challenges of Lambert-Eaton syndrome revealed through three case reports. Can J Neurol Sci. 2016;43(5):635-647.
- 4. Harms L, Sieb JP, Williams AE, et al. Longterm disease history, clinical symptoms, health status, and healthcare utilization in patients suffering from Lambert Eaton myasthenic syndrome: results of a patient interview survey in Germany. J Med Econ. 2012;15(3):521-530.
- 5. Zalewski NL, Lennon VA, Lachance DH, et al. P/Q- and N-type calcium-channel antibodies: oncological, neurological, and serological accompaniments. Muscle Nerve. 2016;54(2):220-227.
- Lennon VA. Serologic profile of myasthenia gravis and distinction from the Lambert-Eaton myasthenic syndrome. Neurology. 1997;48(suppl 5):S23-S27.

